

Patent Abstracts of Japan

PUBLICATION NUMBER : 07095159
 PUBLICATION DATE : 07-04-95

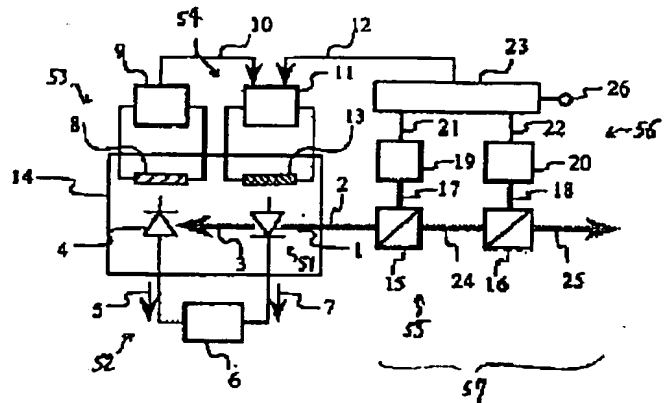
APPLICATION DATE : 24-09-93
 APPLICATION NUMBER : 05238326

APPLICANT : HITACHI CABLE LTD;

INVENTOR : KOBAYASHI NORIFUMI;

INT.CL. : H04B 10/14 H04B 10/06 H04B 10/04
 H04B 10/28 H04B 10/26

TITLE : OPTICAL TRANSMITTER



ABSTRACT : PURPOSE: To provide the optical transmitter in which a wavelength of an output light is stable independently of a secular change in a light source and an output light intensity and the wavelength is easily set.

CONSTITUTION: The optical transmitter provided with a light source drive section 52 controlling the intensity of an output light of a light source 51 and connected to the light source 51 whose emitting light wavelength depends on temperature, a temperature detection section 53 detecting the temperature of the light source 51 and a temperature control section 54 controlling the temperature is provided with a wavelength control section 57 detecting a deviation of an emitting light center wavelength based on the luminous intensity of the wavelength of the part of the output light and feeding back a temperature reference value to the control section 54 based on the deviation.

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